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Rayon, Organic solvents, Measurement, Mathematical
analysis.

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*Silicates, Solubility, Water, Acids, Aluminum
compounds, Temperature, Statistical data.

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temperature and HF concentration in the solvent the
solubilities of both Na_2SiF_6 and $\text{Al}_2\text{F}_6 \cdot 5\text{H}_2\text{O}$ increase.
The composition of the aluminum fluoride corresponding
to the ordinary method by which it is produced was
established. This composition is $\text{Al}_2\text{F}_6 \cdot 5\text{H}_2\text{O}$. Investi-
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